

## **OHIO COST SAVINGS GROUP REPORT ON JANUARY WORKING MEETING**

The Ohio Cost Savings Group (OCSG) was formed to combine the resources and efforts of the technology and pollution prevention / waste management programs within OH. The OH Office of Compliance and Support under Ward Best sponsors the OCSG.

The goal of the group is to maximize use of all available resources from the National Technology (EM-50) and Pollution Prevention (EM-22) Programs and combine them with those already available in the OH Projects. Through cooperative effort, program support funds from EM-50 and EM-22 will be used with OH in-house expertise to save time and money or avoid costs for the five OH Projects.

In a November OCSG meeting at CEMP, representatives from the five OH Projects agreed to concentrate efforts in four distinct areas where common problems or opportunities exist at two or more OH sites. In addition, a fifth “cross-cutting” area involving common contracting and procurement opportunities will be worked with the Office of Acquisition and Asset Management.

Teams of problem holders or technical experts from participating sites will be established in each of the four areas. A contractor technical representative, who will be partially funded by the OCSG, will chair each of the four Teams. The independent teams will be guided by the OCSG. The teams and their leaders are:

- ***Characterization and Delineation of Contaminates – Don Krause, BWXTO***
- ***Problem Waste Disposition – Scott Altmeyer, Earthline Technologies***
- ***Materials Management – Dick Govers, Chamberlain Group***
- ***D & D Equipment, Processes and Technologies – Cid Voth, BCL***

The initial meeting of the ***Characterization and Delineation of Contaminates Team***, and the ***Problem Waste Disposition Team*** was held on January 30, 2001 in Miamisburg. The concept for the working team meetings was to bring site personnel together and present them with “state-of-the-art” technology briefings presented by subject matter experts on the EM-50 developed technologies.

Following the briefings, the two Teams met individually and developed their different approaches and paths forward in pursuit of two different technologies in each of the two areas. The summary of meeting results for the two Teams is attached.

The remaining two Teams (***Materials Management and D & D Processes and Technologies***) will conduct a similar combined kick-off meeting in early April.

## **MEETING SUMMARY**

### **Ohio Cost Savings Group (OCSG) Working Meeting Problem Waste Disposition Area**

*Lead: Scott Altmayer, Earthline Technologies*

*January 30, 2001*

*Mound Technology Center*

Sepradyne made a presentation on thermal desorption during the morning session. The PW Area group had good attendance from all five Ohio sites (11 total). Key problem wastes “on the screen” within next six months are:

- Alternate disposition paths for failed, obsolete, or broken lead acid and NiCad batteries (i.e. debris, recycle, RLEAD, MACRO, RTHRM)
- Alternate thermal treatment
- Gas cylinders
- Questions on availability of BSTC contracts

### **Macro encapsulation (MACRO)**

No critical need for (MACRO) yet. FEMP has some large dual-purpose batteries that also function as forklift counterweights. I noted that the TMFA is presently drafting some proposals for regulatory relief here that encompasses batteries and MACRO treatment. They are soliciting input/comments and hope to submit to the regulators USEPA by 2/15/01.

### **Thermal Desorption**

AEMP discussed potential siting of a thermal desorption unit at AEMP to deal with PCB and TCE contaminated waste. AEMP has overdue FFCA STP milestones and this would be a back-up system for TSCAI that can't leave the state by 9/01. On a small-scale treatment of Hg >260-ppm waste could also be tested/validated. CEMP has over 50 drums of Hg soil/sludge. FEMP has overdue FFCA STP milestones and has hundreds of PCB/TCE soil/sludge containers. They would like to validate desorption on both sludges and PPE/solids. WVDP has Hg>260 ppm in resins and debris and two boxes of PCB debris. Summarized technical issues/limitations/needs from all present regarding desorption unit. This info will be as input to develop a desorption bid specification over the next month. Objective is to have unit operating in Ashtabula, OH by June 2001.

### **Gas Cylinders**

Oak Ridge is mobilizing their gas cylinder stabilization rig to FEMP to stabilize a UF6 cylinder that was ‘unearthed’ during building/waste cleanout and OU1 excavations.

### **Participants**

Scott Altmayer – Earthline  
Charles Pietsch – BWXTO  
Rich Abitz – FEMP  
Frank Miller – FEMP  
Kevin Crosson – FEMP  
Dennis Cook – FEMP

Teresa Wawrzynek – WVDP  
Cid Voth - CEMP  
John Ganz – DOE-AEMP